

REMARKS

Claims 1, 3, 4, 7, 9 and 10 are amended and re-arranged for purposes of clarity to define the fiber reinforced plastic as being porous and air-permeable.


Two typing errors are corrected at page 8 of the specification. Please consider the above changes together with the Amendment of December 19, 2002.

Attached hereto is a marked-up version of the changes made to the specification and claim(s) by the current amendment. The attached page(s) is captioned "**Version With Markings To Show Changes Made.**"

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION

Page 8, the paragraph beginning on line 16:

A test piece of the honeycomb sandwich panel comprises a honeycomb core of a hexagonal HRH10-3/16-3.0 (t=12.7 mm) and front and rear surface layers made of a phenolic C.F.R.P prepreg, SRC-099E (produced by Sakura Rubber Co., Ltd.). The SRC-099E is so made that it is to be hardened and molded by ~~an~~an autoclave method, thereby forming the front and rear surface layers.

IN THE CLAIMS

1. (Twice Amended) A honeycomb sandwich panel comprising:

a honeycomb core having a number of cells extending therethrough in a thickness direction of the honeycomb core; and

a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and closing openings of the cells, at least one of the front surface layer and the rear surface layer being made of a porous and air-permeable fiber reinforced plastic using a ~~porous and air-permeable~~ phenolic resin as a matrix.
3. (Twice Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable carbon fiber reinforced plastic using a ~~porous and air-permeable~~ phenolic resin as a matrix.

4. (Twice Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable glass fiber reinforced plastic using a ~~porous and air-permeable~~ phenolic resin as a matrix.

7. (Thrice Amended) A honeycomb sandwich panel for use in an interior material, exterior material, partition material or structural member of a spacecraft comprising:
a honeycomb core having a number of cells extending therethrough in a thickness direction of the honeycomb core; and

a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and closing openings of the cells, at least one of the front surface layer and the rear surface layer being made of a porous and air-permeable fiber reinforced plastic using a ~~porous and air-permeable~~ phenolic resin as a matrix.

9. (Twice Amended) A honeycomb sandwich panel according to claim 7, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable carbon fiber reinforced plastic using a ~~porous and air-permeable~~ phenolic resin as a matrix.

10. (Twice Amended) A honeycomb sandwich panel according to claim 7, wherein each of the front surface layer and the rear surface layer is made of a porous and air-permeable glass fiber reinforced plastic using a ~~porous and air-permeable~~ phenolic resin as a matrix.